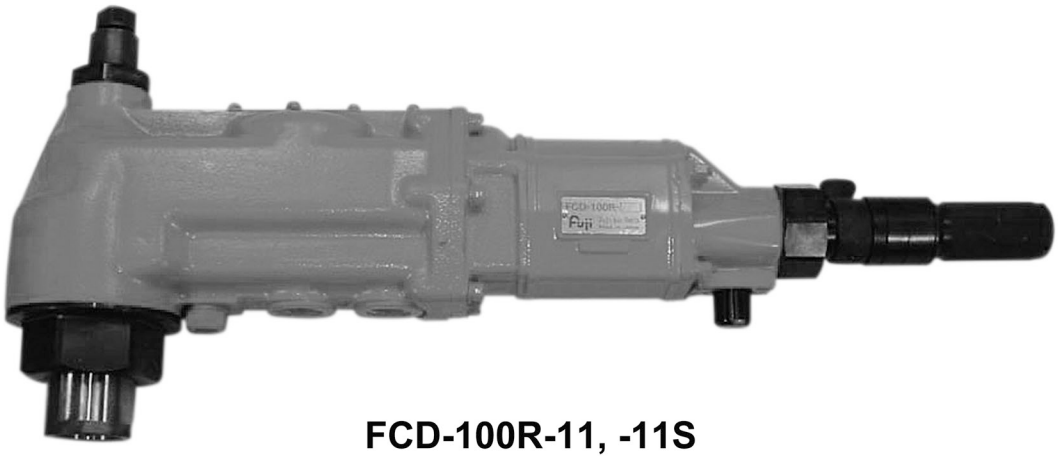
Fuji USER MANUAL

CORNER DRILLS

MODELS : FCD-100R-11, -11S



FCD-100R-11, -11S

SPECIFICATIONS

Model	Capacity (Guidance)				Stall Torque (about)			Free Speed (about)	Socket	Side to Center (about)		Feed Length (about)		Overall Length (about)		Weight (about)		Air Consumption at Max. Output (about)		Air Inlet Thread Size
	Drilling		Reaming Tapping																	
	mm	in	mm	in	N·m	kgf·m	ft·lbs	rpm	M.T. #	mm	in	mm	in	mm	in	kb	lb	m^3/min	ft^3/min	PTorNPT
FCD-100R-11	100	4	100.0	4	1370.0	140.0	1012.6	40	5	62	2 7/16	105	4 1/8	730	28 21/32	29.3	64.4	1.80	63.5	1/2
FCD-100R-11S	100	4	100.0	4	1370.0	140.0	1012.6	40	5	62	2 7/16	105	4 1/8	730	28 21/32	29.3	64.4	1.80	63.5	1/2

19mm (3/4") air hose size.

The performance figures are at 0.63MPa (6.3bar).

⚠ Refer to "The Instructions and Warning for Safety Use" enclosed in each tool box.

Fuji Industrial Technique Co.,Ltd.

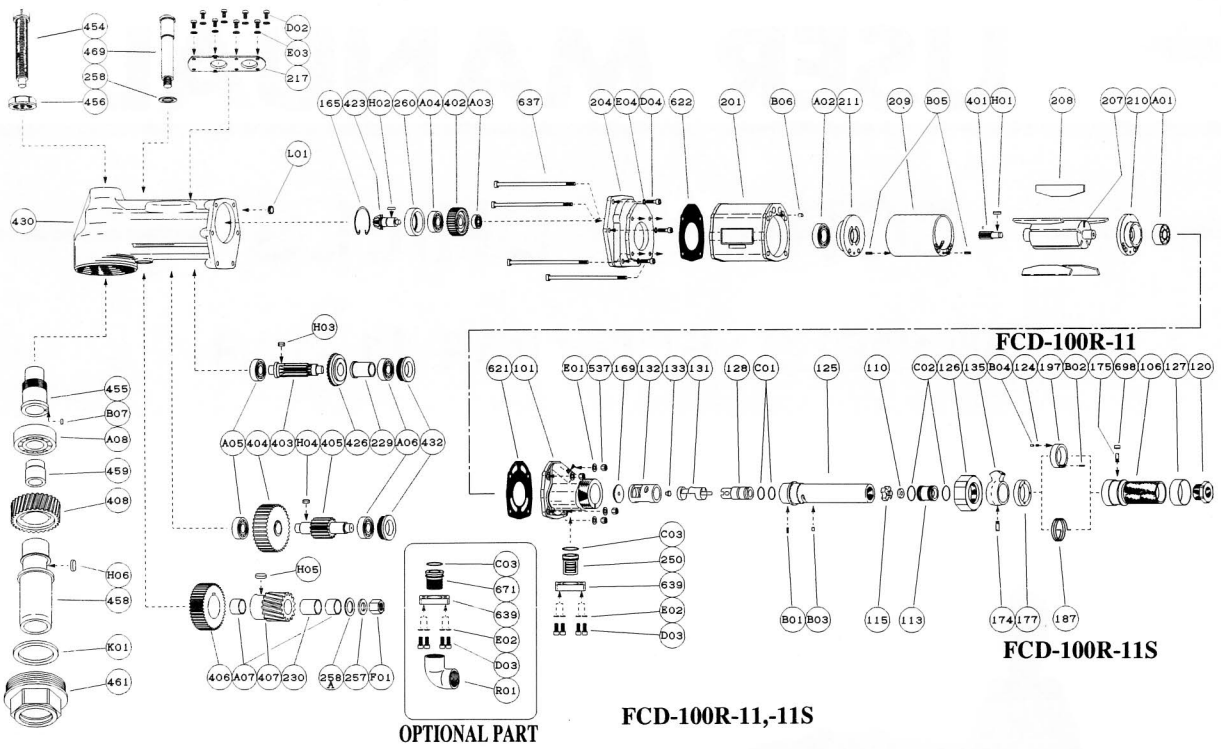
2-1-14, Kamiji, Higashinari-ku, Osaka, 537-0003 Japan

Tel : 81-6-6972-2335
Fax : 81-6-6972-2380

Specifications are subject to change without notice.

MODELS : FCD-100R-11, -11S

EXPLODED VIEW



PARTS LIST

Index No.	Parts No.	Parts Name	Qt.
FCD-100R-11			
CP No.	**D-096004-00**	**Throttle Valve Stem CP**	
106	D-029106-03	Throttle Valve Handle	1
110	D-029110-01	Throttle Valve	1
113	D-029113-01	Throttle Valve Rod	1
115	D-029115-01	Throttle Valve Sheet	1
120	D-029120-03	Throttle Valve Cover	1
124	G-005124-00	Knock Spring	1
125	D-015125-03	Throttle Valve Stem	1
(B01)	SP-310	Spring Pin	1
126	D-015126-00	Throttle Valve Stem Nut	1
127	D-029127-00	Throttle Valve Handle Band	1
128	D-015128-01	Reverse Valve Rod	1
135	D-029135-01	Reverse Valve Lever	1
174	D-029174-01	Small Screw	1
175	D-029175-01	Small Screw 〈B〉	1
177	D-029177-03	Throttle Handle Step	1
197	D-098197-00	Handle Bushing	1
(B02)	SP-28	Spring Pin	1
698	D-029698-00	Guide Roller	1
B03	NR-56	Needle Roller	1
B04	NR-35FR	Needle Roller	1
C01	O-14	"O" Ring	2
C02	O-S24	"O" Ring	2
FCD-100R-11S			
CP No.	**D-096004-01**	**Throttle Valve Stem CP**	
106	D-029106-03	Throttle Valve Handle	1
110	D-029110-01	Throttle Valve	1
113	D-029113-01	Throttle Valve Rod	1
115	D-029115-01	Throttle Valve Sheet	1
120	D-029120-03	Throttle Valve Cover	1
125	D-015125-03	Throttle Valve Stem	1
(B01)	SP-310	Spring Pin	1
126	D-015126-00	Throttle Valve Stem Nut	1
127	D-029127-00	Throttle Valve Handle Band	1
128	D-015128-01	Reverse Valve Rod	1
135	D-029135-01	Reverse Valve Lever	1
174	D-029174-01	Small Screw	1
175	D-029175-01	Small Screw 〈B〉	1
177	D-029177-03	Throttle Handle Step	1
187	D-029187-00	Throttle Valve Handle Spring	1
698	D-029698-00	Guide Roller	1
B03	NR-56	Needle Roller	1
C01	O-14	"O" Ring	2

Index No.	Parts No.	Parts Name	Qt.
C02	O-S24	"O" Ring	2
FCD-100R-11,-11S			
CP No.	**D-098001-53**	**Housing Cover CP**	
101	D-098101-03	Housing Cover	1
132	D-029132-00	Reverse Valve Bushing	1
169	D-098169-00	Reverse Valve Washer	1
131	D-029131-00	Reverse Valve	1
133	D-029133-00	Reverse Valve Sheet	1
165	D-029165-00	Stop Ring	1
201	D-117201-00	Housing (FCD-100R-11)	1
	D-117201-01	Housing (FCD-100R-11S)	1
204	D-032204-00	Housing Lower Cover	1
207	D-029207-00	Rotor	1
208	D-029208-00	Rotor Blade	5
209	D-029209-00	Cylinder	1
(B05)	SP-312	Spring Pin	2
210	D-029210-00	Cylinder Upper Plate	1
211	D-029211-00	Cylinder Lower Plate	1
217	D-032217-00	Bearing Cover	1
229	D-032229-00	Bearing Spacer	1
230	D-032230-00	Bearing Spacer 〈B〉	1
250	D-098250-00	Exhaust Cover	1
257	D-032257-00	Washer	1
258	D-033258-00	Washer 〈B〉	1
258A	D-032258-00	Washer 〈B〉	1
260	D-029260-00	Bearing Case	1
401	D-032401-00	NO.1 Pinion	1
402	D-032402-00	NO.1 Gear	1
403	D-032403-00	NO.2 Pinion	1
404	D-032404-00	NO.2 Gear	1
405	D-032405-00	NO.3 Pinion	1
406	D-032406-00	NO.3 Gear	1
407	D-032407-00	NO.4 Pinion	1
408	D-032408-00	NO.4 Gear	1
423	D-033423-00	Bevel Pinion	1
426	D-033426-00	Bevel Gear	1
430	D-032430-00	NO.1 Gear Case	1
432	D-032432-00	Gear Case Cover	2
454	D-117454-00	Feed Screw	1
455	D-117455-00	Feed Sleeve	1
456	D-117456-00	Feed Sleeve Nut	1
458	D-032458-00	Mt. Socket	1
459	D-032459-00	Socket Arbor	1
461	D-032461-00	Socket Nut	1

Index No.	Parts No.	Parts Name	Qt.
469	D-032469-00	No.3 Gear Spindle	1
537	W-086537-00	Hexagon Nut	4
621	D-029621-00	Packing 〈A〉	1
622	D-029622-00	Packing 〈B〉	1
637	D-029637-00	Half-Cut Head Bolt	4
639	D-098639-00	Exhaust Cover Holder	1
A01	BB-6203	Ball Bearing	1
A02	BB-6005	Ball Bearing	1
A03	BB-629	Ball Bearing	1
A04	BB-6203	Ball Bearing	1
A05	BB-6203	Ball Bearing	2
A06	BB-6203	Ball Bearing	2
A07	NB-SC1412	Needle Bearing	2
A08	BB-7207	Thrust Bearing	1
B06	P-67	Pin	1
B07	SP-58	Spring Pin	1
C03	O-P22A	"O" Ring	1
D02	S-612R	Screw	8
D03	CS-615	Cap Screw	4
D04	CS-825	Cap Screw	6
E01	SW-6	Spring Washer	4
E02	SW-6	Spring Washer	4
E03	SW-6	Spring Washer	8
E04	SW-8	Spring Washer	6
F01	N-W5/8	Nut	1
H01	K-43.515	Key	1
H02	K-4414.5	Key	1
H03	K-5513	Key	1
H04	K-5526	Key	1
H05	K-10828	Key	1
H06	K-10832	Key	1
K01	OS-ZF13	Oil Seal	1
L01	PL-3/8	Plug	1
OPTIONAL PART EXHAUST PIPE JOINT			
639	D-098639-00	Exhaust Cover Holder	1
671	D-091671-00	Exhaust Cover Joint	1
C03	O-P22A	"O" Ring	1
D03	CS-615	Cap Screw	4
E01	SW-6	Spring Washer	4
R01	JE-3/4	Elbow	1

☐ CP No. denotes the assembled parts comprising of more than 1 pc. of parts.The related parts are shown in the thick frame.

☐ # 125, 197 and 209 are supplied together with parts shown in ( ).

☐ Specify parts number and quantity in ordering.

■ Standard Accessories :

F-708……8Hex Hex. Pin Wrench 1.